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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
SEUNG HO HWANG, et al.  
Application No. 10/036,234  
Filed: December 24, 2001

For: **ENCODING METHOD AND  
SYSTEM FOR REDUCING INTER-  
SYMBOL INTERFERENCE EFFECTS  
IN TRANSMISSION OVER A SERIAL  
LINK**

Group Art Unit: 2614

Examiner: Unknown

**INFORMATION  
DISCLOSURE  
STATEMENT**

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Technology Center 2600

AUG 05 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on July 26, 2002.

GIRARD & EQUITZ LLP Date: 07/26/02

By: Marsha A. Townsend  
Marsha A. Townsend

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants submit herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

(h) ☒ each (i) ☐ none (j) ☐ only those listed below:

Those patent(s) or publication(s) which are marked with an asterisk (\*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application

no. , filed and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☒ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s)  
[Required]
- (n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a “concise explanation of the relevance” of the submitted items “may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention,” MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be “material” pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.


In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

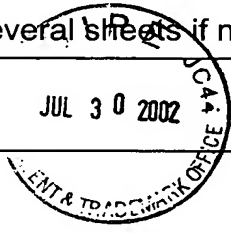
- [X] The Commissioner is hereby authorized to charge our Deposit Account No. **50-1697** for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.**

Respectfully submitted,

Dated: 7/26/02 By Alfred A. Equitz  
Alfred A. Equitz  
Registration No. 30,922  
Tel. No. 415/433-2250

Our File: SII-1000 [SIMG0115]

FORM PTO-1449 (Modified) U.S. Dept. of Commerce (Rev. 7-80) Patent and Trademark Office				Atty Docket No. SII-1000 [SIMG0115]		Appln. No. 10/036,234	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant(s) SEUNG HO HWANG, et al.		Filing Date December 24, 2001	
				Group 2614		RECEIVED AUG 05 2002 Technology Center 2600	
<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	5,974,464	10/26/99	SHIN et al.	709	231	09/30/96
	BB	5,905,769	05/18/99	LEE et al.	375	376	05/07/96
	CC	6,191,822 B1	02/20/01	SMYERS	348	552	06/20/97
	DD	5,506,932	04/09/96	HOLMES et al.	395	2.14	04/16/93
	EE	5,541,662	07/30/96	ADAMS et al.	348	460	09/30/94
	FF	5,523,795	06/04/96	UEDA	348	480	08/16/94
	GG	5,150,211	09/22/92	CHARBONNEL et al.	358	143	08/28/90
	HH	5,199,030	03/30/93	UEDA	370	68	09/05/91
	II	5,940,070	08/17/99	KOO	345	302	05/13/96
<b>FOREIGN PATENT DOCUMENTS</b>							
*Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES NO
	JJ	WO 00/16525	23.03.2000	PCT	H04L	25/02	
<b>OTHER DOCUMENTS</b>							
	KK	High-Bandwidth Digital Content Protection System, Revision 1.0, by Intel Corporation, February 17, 2000, pages 1-60.					
Examiner				Date Considered			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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		Applicant(s) SEUNG HO HWANG, et al.	
		Filing Date December 24, 2001	Group 2614
<b>OTHER DOCUMENTS</b>			
	NN	<i>High-Bandwidth Digital Content Protection System Revision 1.0 Erratum</i> , by Intel Corporation, March 19, 2001, pages 1-9.	
	OO	<i>Upstream Link for High-bandwidth Digital Content Protection</i> , Revision 1.00, by Intel Corporation, January 26, 2001, pages 1-38.	
	PP	Lieberman, David "PC Video Interface Looks to Add Audio Capability", <u>EE Times</u> (03/26/01, 11:57 a.m. EST), pages 1-3, downloaded from the Internet on May 23, 2001 from <a href="http://www.eetimes.com/story/OEG20010326S0029">http://www.eetimes.com/story/OEG20010326S0029</a> .	
	QQ	Silicon Image, Inc., "Silicon Image First to Couple Digital Audio and Video on the DVI Link", Sunnyvale, January 16, 2001, pages 1-4, downloaded from the Internet on May 22, 2001 from <a href="http://www.siimage.com/press/01_16_01.asp">http://www.siimage.com/press/01_16_01.asp</a> .	
	RR	Silicon Image, Inc., "CE Industry Heavyweights Proclaim DVI HDCP as the Interface for HDTV-Further Propelling Silicon Image into the CE Space", Las Vegas, January 4, 2001, pages 1-4, downloaded from the Internet on May 22, 2001 from <a href="http://www.siimage.com/press/01_04_01a.asp">http://www.siimage.com/press/01_04_01a.asp</a> .	
	SS		
Examiner		Date Considered	
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